

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
**612-04-CIP3-CON**

In Re Application Of: **GREENE, George R., et al.**

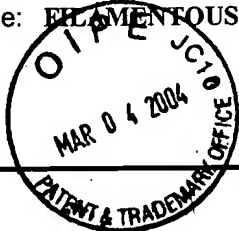
Serial No.  
**10/670,142**

Filing Date  
**September 24, 2003**

Examiner  
**Unassigned**

Group Art Unit  
**3661**

Title: **ELASTOMEROUS EMBOLIZATION DEVICE WITH EXPANSIBLE ELEMENTS**



Address to:  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☐ the fee set forth in 37 CFR 1.17(p).

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**RELAMENTOUS EMBOLIZATION DEVICE WITH EXPANSIBLE ELEMENTS**



**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **11-1159** as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

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I certify that this document and fee is being deposited on MARCH 2, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Carrie Anne Cheung

Typed or Printed Name of Person Mailing Certificate

\*This certificate may only be used if paying by deposit account

Signature

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Dated:

March 1, 2004

CC:

<div style="text-align: center;">  <p><b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)</p> </div>	ATTY DOCKET NO. <b>612-04-CIP3-CON</b>	SERIAL NO. <b>10/670,142</b>
	<b>GREENE, George R., et al.</b>	
	FILING <b>09-24-2003</b>	GROUP <b>3661</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,709,842	1973-01-09	Stoy et al.			
	4,301,803	1981-11-24	Handa et al.			
	4,365,621	1982-12-28	Brundin			
	4,402,319	1983-09-06	Handa et al.			
	4,509,504	1985-04-09	Brundin			
	4,529,739	1985-06-16	Scott et al.			
	4,663,358	1987-05-05	Hyon et al.			
	4,994,069	1999-02-19	Ritchart et al.			
	5,120,349	1992-06-09	Stewart et al.			
	5,122,136	1992-06-16	Guglielmi et al.			
	5,129,180	1992-07-14	Stewart			

**FOREIGN PATENT DOCUMENTS**

*	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		WO 81/01515	1981-06-11	WIPO				
		DE 196 47 280	1997-10-23	GERMANY				
		WO 97/48351	1997-12-24	WIPO				
		WO 99/23954	1999-05-20	WIPO				
		WO 99/56783	1999-11-11	WIPO				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

			LATCHAW, Richard E. et al.; "Polyvinyl Foam Embolization ..." Radiology 131: 669-679, June 1979

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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	5,226,911	1993-07-13	Chee et al.			
	5,250,071	1993-10-05	Palermo			
	5,258,042	1993-11-02	Mehta			
	5,304,194	1994-04-19	Chee et al.			
	5,312,415	1994-05-17	Palermo			
	5,320,639	1994-06-14	Rudnick			
	5,350,397	1994-09-27	Palermo et al.			
	5,354,290	1994-10-11	Gross			
	5,382,259	1995-01-17	Phelps et al.			
	5,456,693	1995-10-10	Conston et al.			
	5,476,472	1995-12-19	Dormandy, Jr. et al.			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
WO 99/59479	1999-11-25	WIPO				
WO 99/65401	1999-12-23	WIPO				
WO 00/74577	2000-12-14	WIPO				
WO 01/06950	2001-02-01	WIPO				
WO 01/28434	2001-04-26	WIPO				

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			ZOLLIKOFER, Christoph et al.; "A Combination of Stainless Steel Coil and Compressed Ivalon: ..." Radiology 138: 229-231, January 1981
			HORAK, Daniel et al.; "Hydrogels in endovascular embolization. II ..." Biomaterials 1986, Vol. 7 November

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	5,522,822	1996-06-04	Phelps et al.			
	5,536,274	1996-07-16	Neuss			
	5,541,234	1996-07-30	Unger et al.			
	5,549,624	1996-08-27	Mirigian et al.			
	5,573,994	1996-11-12	Kabra et al.			
	5,582,619	1996-12-10	Ken			
	5,624,461	1997-04-29	Mariant			
	5,624,685	1997-04-29	Takahashi et al.			
	5,645,558	1997-07-08	Horton			
	5,690,667	1997-11-25	Gia			
	5,690,671	1997-11-25	McGurk et al.			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
WO 01/39811	2001-06-07	WIPO				
WO 02/05731	2002-01-24	WIPO				

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			EDELMAN, Elazer R. et al.; "Controlled and odulated Release of basic ... " Biomaterials 1991. Vol.12, September
			LARSEN, Nancy E. et al.; "Hylan get composition for percutaneous embolization ..." Journal of Biomedical Materials Research, Vol.25, 699-710 (1991)

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,853,418	1998-12-29	Ken et al.			
	5,891,155	1999-04-16	Irie			
	5,891,192	1999-04-16	Murayama et al.			
	5,895,411	1999-04-20	Irie			
	5,911,717	1999-06-15	Jacobson et al.			
	5,911,731	1999-06-15	Pham et al.			
	5,916,235	1999-06-29	Guglielmi			
	5,935,145	1999-08-10	Villar et al			
	5,935,148	1999-08-10	Villar et al.			
	5,976,162	1999-11-02	Doan et al.			
	5,980,514	1999-11-09	Kupiecki et al.			

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						YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		CHIRILA, Traian V. et al.; "Poly (2-hydroxyethyl methacrylate) sponges as implant ..." Biomaterials 1993 Vol. 14, No. 1
		SORANZO, C. et al.; "Evaluation of Two Hyaluronan Derivatives ..." The 20th Annual Meeting of the Society for Biomaterials April 5-9, 1994, Boston Massachusetts, USA

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,695,480	1997-12-09	Evans et al.			
	5,718,711	1998-02-17	Berenstein et al.			
	5,749,894	1998-05-12	Engelson			
	5,750,585	1998-05-12	Park et al.			
***	5,752,974	1998-05-19	Chee et al.			
	5,766,160	1998-06-16	Samson et al.			
	5,766,219	1998-06-16	Horton			
	5,797,953	1998-08-25	Tekulve			
	5,823,198	1998-10-20	Jones et al.			
	5,833,705	1998-11-10	Ken et al.			
	5,843,118	1998-12-01	Sepetka et al.			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			KWAN, Eddie S. K. et al.; " Endovascular Packing of Carotid ..." AJNR 14:323-333, MAR/APR 1993
			AHUJA, Arvin A. et al; "Platinum Coil Coatings to Increase ..." AJNR 14:794-798, JUL/AUG 1993

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	Applicant(s) <b>GREENE, George R. et al.</b>	
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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,980,554	1999-11-09	Lenker et al.			
		6,004,338	1999-12-21	Ken et al.			
		6,013,084	2000-01-11	Ken et al.			
		6,015,424	2000-01-18	Rosenbluth et al.			
		6,024,754	2000-02-15	Engleson			
		6,093,199	2000-07-25	Brown et al.			
		6,113,629	2000-09-05	Ken			
		6,139,520	2000-10-31	McCrary et al.			
		6,143,007	2000-11-07	Mariant et al.			
		6,165,193	2000-12-26	Greene et al.			
		6,187,024	2001-02-13	Boock et al.			

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		DAWSON, Robert C. et al; "Treatment of Experimental Aneurysms ..." Neurosurgery, Vol. 36, No. 1, January 1995
		WOERLY, S. et al.; "Intracerebral Implantation of Hydrogel-Coupled ..." Journal of Neural Transplantation & Plasticity, Vol. 5, No. 4, 1995, pp. 245-255

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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>612-03-CIP3-CON</b>	Application Number <b>10/670,142</b>
	Applicant(s) <b>GREENE, George R. et al.</b>	
	Filing Date <b>09-24-2003</b>	Group Art Unit <b>3661</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,187,027	2001-02-13	Mariant et al.			
		6,193,728	2001-02-27	Ken et al.			
		6,245,090	2001-06-12	Gilson et al.			
		6,280,457	2001-08-28	Wallace et al.			
		2001/0023325	2001-09-20	Ferrera			
		6,296,632	2001-10-02	Luscher et al.			
		6,299,619	2001-10-09	Greene et al.			
		6,312,421	2001-11-06	Boock			
		2001/0046518	2001-11-29	Sawhney			
		6,530,934	2003-03-11	Jacobson et al.			

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**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		HOGG, Phillip J. et al.; "Interaction of Platelet-derived growth ..." Biochem Journal (1997) 326, 709-716 (printed in Great Britain)
		HORAK, D. et al.; "New Radiopaque poly HEMA-based ..." Journal of Biomedical Materials Research, Vol. 34, 183-188 (1997)

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